

PATENT
Customer No. 22,852
Attorney Docket No. 03626.0020-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional Application of:)
Steven V. Barancyk et al.) Prior Group Art Unit: 1773
Prior Application No.: 09/629,421) Prior Examiner: L. Kiliman
Filed: August 19, 2003)
For: COATING COMPOSITIONS)
COMPRISING SILYL BLOCKED)
COMPONENTS, COATINGS,)
COATED SUBSTRATES AND)
METHODS RELATED THERETO)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449s. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

Copies of the listed documents, including any co-pending patent applications, were previously submitted in prior Application No. 09/629,421, filing date July 31, 2000, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120, or were cited by the Examiner in the prior application. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached forms.

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With respect to the non-English language documents, Applicants submit the following remarks:

1. DE 1,193,504 - An English language translation of this document was submitted in parent Application No. 09/629,421.
2. DE 1,545,040 - An English language translation of this document was submitted in parent Application No. 09/629,421.
3. DE 44 32 260 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
4. DE 197 09 467 - An English language translation of this document was submitted in parent Application No. 09/629,421.
5. EP 0,010,555 - An English language translation of this document was submitted in parent Application No. 09/629,421.
6. EP 0,819,719 - An English language translation of this document was submitted in parent Application No. 09/629,421.
7. JP 54001335 - An English language translation of this document was submitted in parent Application No. 09/629,421.
8. EP 0,940,422 - An English language translation of this document was submitted in parent Application No. 09/629,421.
9. JP 55-17073 - An English language translation of this document was submitted in parent Application No. 09/629,421.
10. JP 56-157461 - An English language translation of this document was submitted in parent Application No. 09/629,421.

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11. JP 58-217515 - An English language translation of this document was submitted in parent Application No. 09/629,421.
12. JP 58-58123 - An English language translation of this document was submitted in parent Application No. 09/629,421.
13. JP 59092948 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
14. JP 60168770 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
15. JP 60-250069 - An English language translation of this document was submitted in parent Application No. 09/629,421.
16. JP 61-141684 - An English language translation of this document was submitted in parent Application No. 09/629,421.
17. JP 62252480 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
18. JP 64004663 - An English language translation of this document was submitted in parent Application No. 09/629,421.
19. JP 1-141952 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
20. JP 3258866 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
21. JP 03296567 - An English language translation of this document was submitted in parent Application No. 09/629,421.

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22. JP 5043696 - An English language translation of this document was submitted in parent Application No. 09/629,421.
23. JP 5-15533 - An English language translation of this document was submitted in parent Application No. 09/629,421.
24. JP 5065416 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
25. JP 06100799 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
26. JP 7070509 - An English language translation of this document was submitted in parent Application No. 09/629,421.
27. JP 7-62214 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
28. JP 09165450 - An English language translation of this document was submitted in parent Application No. 09/629,421.
29. JP 09227688 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
30. JP 10017670 - An English language abstract of this document was submitted in parent Application No. 09/629,421.
31. WO 98/38251 - An English language abstract of the disclosure of this document can be found on the first page of the document, which was submitted in parent Application No. 09/629,421.

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32. WO 98/40170 - An English language abstract of the disclosure of this document can be found on the first page of the document, which was submitted in parent Application No. 09/629,421.

33. WO 00/39183 - An English language abstract of the disclosure of this document can be found on the first page of the document, which was submitted in parent Application No. 09/629,421.

34. Etranian, A. et al., "Les Silices Greffees Ameliorent Les Revetements," *Peintures & Encres, Informations Chimie*, n 371, September 1995, pp. 85-88. It is believed that the document, Etranian, E. et al., "Grafted Silica Improve Coatings," *Paints and Inks*, Vol. 371, September, 1995, pp. 85-88, submitted in parent Application No. 09/629,421, is an English language version of this document.

35. Applicants note that one of the references cited in the European Search Report, DE 196 12 746, is in a foreign language. Applicants believe that U.S. Patent No. 6,207,235 B1, submitted in parent Application No. 09/629,421, is an English language counterpart of DE'746, as evidenced by Chemical Abstracts citation AN 1996:710179, also submitted in parent Application No. 09/629,421.

Additionally, Applicants would like to bring to the Examiner's attention the following eight co-pending applications, which applications may be directed to similar subject matter:

1. **Title:** FLEXIBLE COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
Application No.: 09/629,420 - Allowed
By: Lawrence G. ANDERSON et al.
Filed: July 31, 2000
Attorney Docket No.: 03626.0019-00000

2. **Title:** FLEXIBLE COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
Application No.: 10/456,576
By: Lawrence G. ANDERSON et al.
Filed: June 9, 2003
Attorney Docket No.: 03626.0019-01000
3. **Title:** DUAL CURE COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
Application No.: 09/629,422
By: Lawrence G. ANDERSON et al.
Filed: July 31, 2000
Attorney Docket No.: 03626.0018-00000
4. **Title:** CURED COATINGS HAVING IMPROVED SCRATCH-RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
U.S. Patent No.: 6,387,519
By: Lawrence G. ANDERSON et al.
Filed: July 31, 2000
Issued: May 14, 2002
Attorney Docket No.: 03626.0023-00000
5. **Title:** COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
U.S. Patent No.: 6,593,417
By: Lawrence G. ANDERSON et al.
Filed: July 31, 2000
Issued: July 15, 2003
Attorney Docket No.: 03626.0024-00000
6. **Title:** COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO
Application No.: 10/456,552
By: Lawrence G. ANDERSON et al.
Filed: June 9, 2003
Attorney Docket No.: 03626.0024-01000

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7. **Title:** COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO

Application No.: 09/629,444 - Allowed

By: Lawrence G. ANDERSON et al.

Filed: July 31, 2000

Attorney Docket No.: 03626.0022-00000

8. **Title:** COATING COMPOSITIONS HAVING IMPROVED SCRATCH RESISTANCE, COATED SUBSTRATES AND METHODS RELATED THERETO

Application No.: 10/456,854

By: Lawrence G. ANDERSON et al.

Filed: June 9, 2003

Attorney Docket No.: 03626.0022-01000

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the U.S. Patent Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Carol Z. Bole

Dated: August 19, 2003

By: Reg. No. 43 555
For Mark D. Sweet
Reg. No. 41,469

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INFORMATION DISCLOSURE CITATION

Atty. Docket No. 03626.0020-01000			Divisional of Application No. 09/629,421					
Applicant		Steven V. BARANCYK et al.						
Filing Date		August 19, 2003		Prior Group: 1773				
U.S. PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Name		Class	Sub Class	Filing Date If Appropriate
	1.	1,873,945	08/23/1932	Kraenzlein et al.				
	2.	2,584,340	02/05/1952	Goodwin et al.				
	3.	2,587,295	02/26/1952	Doyle et al.				
	4.	2,860,074	11/11/1958	Hedlund et al.				
	5.	2,901,449	08/25/1959	Schwarz et al.				
	6.	2,978,437	04/04/1961	Christenson				
	7.	3,203,919	08/31/1965	Brachman				
	8.	3,317,460	05/02/1967	Clark				
	9.	3,398,174	08/20/1968	Barnes, Jr.				
	10.	3,450,791	06/17/1969	Sekmakas et al.				
	11.	3,479,328	11/18/1969	Nordstrom				
	12.	3,539,658	11/10/1970	Sekmakas et al.				
	13.	3,577,263	05/04/1971	Nordstrom				
	14.	3,577,265	05/04/1971	Nordstrom				
	15.	3,627,836	12/14/1971	Getson				
	16.	3,642,936	02/15/1972	Hodge et al.				
	17.	3,644,566	02/22/1972	Kincheloe et al.				
	18.	3,655,602	04/11/1972	Sekmakas				
	19.	3,668,183	06/06/1972	Hoy et al.				
	20.	3,799,854	03/26/1974	Jerabek et al.				
	21.	3,857,817	12/31/1974	Henshaw et al.				
	22.	3,919,315	11/11/1975	Wollweber et al.				
	23.	3,986,997	10/19/1976	Clark				
	24.	4,001,156	01/04/1977	Bossio et al.				
Examiner				Date Considered				
*Examiner:		Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	25.	4,025,407	05/24/1977	Chang et al.			
	26.	4,025,456	06/03/1980	Litteral et al.			
	27.	4,027,073	05/31/1977	Clark			
	28.	4,046,729	09/06/1977	Scriven et al.			
	29.	4,089,763	05/16/1978	Dart et al.			
	30.	4,093,673	06/06/1978	Chang et al.			
	31.	4,104,240	08/01/1978	Buter			
	32.	4,147,679	04/03/1979	Scriven et al.			
	33.	4,177,315	12/04/1979	Ubersax			
	34.	4,211,823	07/08/1980	Suzuki et al.			
	35.	4,212,901	07/15/1980	van Neerbos et al.			
	36.	4,220,679	09/02/1980	Blackhouse			
	37.	4,221,697	09/09/1980	Osborn et al.			
	38.	4,239,798	12/16/1980	Schroeter et al.			
	39.	4,254,185	03/03/1981	Buter			
	40.	4,271,062	06/02/1981	Boomgaard et al.			
	41.	4,278,574	07/14/1981	Dworak et al.			
	42.	4,279,800	07/21/1981	Boomgaard et al.			
	43.	4,308,060	12/29/1981	Talbot			
	44.	4,310,600	01/12/1982	Cross			
	45.	4,311,622	01/19/1982	Buter			
	46.	4,345,057	08/17/1982	Yamabe et al.			
	47.	4,348,462	09/07/1982	Chung			
Examiner			Date Considered				
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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	48.	4,368,294	01/11/1983	Deubzer et al.			
	49.	4,369,300	01/18/1983	Carter et al.			
	50.	4,395,461	07/26/1983	Ching			
	51.	4,403,003	09/06/1983	Blackhouse			
	52.	4,403,093	09/06/1983	Hartman et al.			
	53.	4,408,018	10/04/1983	Bartman et al.			
	54.	4,410,594	10/18/1983	Olson			
	55.	4,413,086	11/01/1983	Chang et al.			
	56.	4,418,182	11/29/1983	Chattha			
	57.	4,427,820	01/24/1984	Blackhouse et al.			
	58.	4,431,789	02/14/1984	Okazaki et al.			
	59.	4,456,647	06/26/1984	Schoenfelder et al.			
	60.	4,465,815	08/14/1984	Chattha			
	61.	4,477,536	10/16/1984	Wright et al.			
	62.	4,478,876	10/23/1984	Chung			
	63.	4,481,126	11/06/1984	Trinh et al.			
	64.	4,491,508	01/01/1985	Olson et al.			
	65.	4,499,150	02/12/1985	Dowbenko et al.			
	66.	4,499,151	02/12/1985	Dowbenko et al.			
	67.	4,512,677	04/23/1985	Trinh			
	68.	4,518,522	05/21/1985	Markusch et al.			
	69.	4,520,144	05/28/1985	Noren et al.			
	70.	4,522,958	06/11/1985	Das et al.			
Examiner			Date Considered				
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	71.	4,526,910	07/02/1985	Das et al.			
	72.	4,563,372	01/07/1986	Kurauchi et al.			
	73.	4,569,966	02/11/1986	Piccirilli et al.			
	74.	4,592,816	06/03/1986	Emmons et al.			
	75.	4,598,111	07/01/1986	Wright et al.			
	76.	4,618,657	10/21/1986	Katchko et al.			
	77.	4,640,940	02/03/1987	Jacobine et al.			
	78.	4,652,470	03/24/1987	Das et al.			
	79.	4,663,377	05/05/1987	Hombach et al.			
	80.	4,665,116	05/12/1987	Kornhaber et al.			
	81.	4,673,718	06/16/1987	Ryntz et al.			
	82.	4,677,004	06/30/1987	Das et al.			
	83.	4,680,204	07/14/1987	Das et al.			
	84.	4,681,811	07/21/1987	Simpson et al.			
	85.	4,689,383	08/25/1987	Riffle et al.			
	86.	4,713,410	12/15/1987	Katchko et al.			
	87.	4,728,543	03/01/1988	Kurauchi et al.			
	88.	4,728,545	03/01/1988	Kurauchi et al.			
	89.	4,728,690	03/01/1988	Lammerting et al.			
	90.	4,732,790	03/22/1988	Blackburn et al.			
	91.	4,754,014	06/28/1988	Ryntz et al.			
	92.	4,764,569	08/16/1988	Umemoto et al.			
	93.	4,766,185	08/23/1988	Ryntz et al.			
Examiner			Date Considered				
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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	94.	4,798,746	01/17/1989	Claar et al.			
	95.	4,804,732	02/14/1989	Ryntz et al.			
	96.	4,808,649	02/28/1989	Gay et al.			
	97.	4,816,333	03/28/1989	Lange et al.			
	98.	4,822,828	04/18/1989	Swofford			
	99.	4,835,023	05/30/1989	Taniguchi et al.			
	100.	4,851,294	07/25/1989	Buter et al.			
	101.	4,870,140	09/26/1989	Ryntz et al.			
	102.	4,873,298	10/10/1989	Ryntz et al.			
	103.	4,892,906	01/09/1990	Pham et al.			
	104.	4,910,097	03/20/1990	Nomura et al.			
	105.	4,925,659	05/15/1990	Grollier et al.			
	106.	4,927,868	05/22/1990	Schimmel et al.			
	107.	5,025,054	06/18/1994	Yoshida et al.			
	108.	5,035,748	07/30/1991	Burow et al.			
	109.	5,059,707	10/22/1991	Motegi et al.			
	110.	5,066,698	11/19/1991	Hazan et al.			
	111.	5,066,720	11/19/1991	Ohsugi et al.			
	112.	5,071,904	12/10/1991	Martin et al.			
	113.	5,075,165	12/24/1991	Kishi et al.			
	114.	5,075,370	12/24/1991	Kubitza et al.			
	115.	5,084,541	01/28/1992	Jacobs, III et al.			
	116.	5,085,694	02/04/1992	Cifuentes			
	117.	5,086,087	02/04/1992	Misev			
	118.	5,098,947	03/24/1992	Metzger et al.			
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	119.	5,098,983	03/24/1992	Mosbach et al.			
	120.	5,102,746	04/07/1992	Shindou et al.			
	121.	5,104,922	04/14/1992	Chang			
	122.	5,104,929	04/14/1992	Bilkadi			
	123.	5,110,891	05/05/1992	Cifuentes et al.			
	124.	5,112,403	05/12/1992	Okura et al.			
	125.	5,114,756	05/19/1992	Mirabeau et al.			
	126.	5,116,418	05/26/1992	Kaliski et al.			
	127.	5,141,555	08/25/1992	Elepano			
	128.	5,147,730	09/15/1992	Ogishi et al.			
	129.	5,154,759	10/13/1992	Cifuentes et al.			
	130.	5,162,420	11/10/1992	Chang et al.			
	131.	5,174,813	12/29/1992	Cifuentes et al.			
	132.	5,194,487	03/16/1993	Jacobs			
	133.	5,196,485	03/23/1993	McMonigal et al.			
	134.	5,212,216	05/18/1993	Hattori et al.			
	135.	5,212,273	05/18/1993	Das et al.			
	136.	5,213,846	05/25/1993	Tsuneta et al.			
	137.	5,235,018	08/10/1993	Potter et al.			
	138.	5,248,789	09/28/1993	Wolff			
	139.	5,256,452	10/26/1993	McMonigal et al.			
	140.	5,258,063	11/02/1993	Cifuentes et al.			
	141.	5,258,225	11/02/1993	Katsamberis			
	142.	5,258,424	11/02/1993	Yagi et al.			
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	143.	5,260,350	11/09/1993	Wright			
	144.	5,260,469	11/09/1993	Swiatek			
	145.	5,268,256	12/07/1993	Goetz et al.			
	146.	5,286,835	02/15/1994	Green et al.			
	147.	5,304,400	04/19/1994	Dhein et al.			
	148.	5,308,494	05/03/1994	Brandon et al.			
	149.	5,314,947	05/24/1994	Sawaragi			
	150.	5,322,873	06/21/1994	Pohl et al.			
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